



11400 South Batch Plant

Spring 2009 – Fall 2010

Overview

A batch plant is a facility where construction crews make and load ready-mix concrete on or near a project site. Having a portable batch plant located in a close proximity to a project is especially beneficial as crews can decrease haul-route distance and control concrete production, cutting truck travel and making as little or as much concrete as needed. Batch plants result in less overall vehicle pollution, lower costs and higher quality concrete.

Location

The 11400 South project batch plant will be located at the southeast corner of 11400 South and I-15. This area was chosen as it is in a close proximity to the project but affects the least amount of residents. The batch plant will be installed at this location starting mid-April 2009 and will reside there until Fall 2010. The property will be fully restored to its previous condition when the project is finished.

Dust and Noise Control

Air quality surrounding the batch plant will be closely regulated. All fine material will be stored in tanks, bringing dust production from the plant to a minimum. The plant's dust collection system will work to reduce fugitive dust. We expect to operate the plant within regulatory limits for noise and air quality.

Safety

The site will be secured and restricted; allowing only trained professionals to enter.

Traffic Impacts

Occasionally traffic in surrounding areas may be directed by flaggers as trucks haul concrete in and out of the batch plant. Dump trucks will enter the batch plant through future northbound I-15 off ramp areas. Once loaded, they will exit the batch plant on 11400 South, then use 10600 South or 12300 South to reach the desired location.

Equipment

Dump trucks will be used for 80 to 90 percent of work, as these trucks allow concrete to maintain the appropriate temperature and allow drivers to deliver materials in a timely manner. Once concrete is brought to the appropriate location, a paver will be used to place the new road surface.

Fun Facts

- All materials used for concrete will come from southern and central Utah
- On I-15, crews will lay an average of 1200 cubic yards of concrete a day
- On 11400 South, crews will lay a maximum of 600 cubic yards of concrete a day
- A total of 158,000 cubic yards of concrete will be laid by the end of the project